

# USE AND CARE OF PERSONAL PROTECTIVE EQUIPMENT

- Lesson Guide #7



# **PERSONAL PROTECTIVE EQUIPMENT**

## **CHAPTER 20**

# NAVY POLICY

- ...provide, use and maintain PPE when competent authority determines that its use is necessary ...

OPNAVINST 5100.23F

- Does PPE eliminate the hazard??

# PROGRAM REQUIREMENTS

- Hazard Assessment, 29 CFR 1910, Subpart I, - written certification
- Select appropriate PPE
- Communicate : decisions to en



# EQUIPMENT

- Safe design and construction
- Standards and specifications
  - Federal Specifications
  - A.N.S.I. Specifications
  - Underwriters Laboratories (UL)
  - A.S.T.M. Specifications

# HEAD PROTECTION

- 29 CFR 1910.135
- Work areas where there is potential for injury from falling objects
- Purchased before July 5, 1994  
Comply with ANSI Std Z89.1-1969
- Purchased after July 5, 1994  
Comply with ANSI Std Z89.1-1986

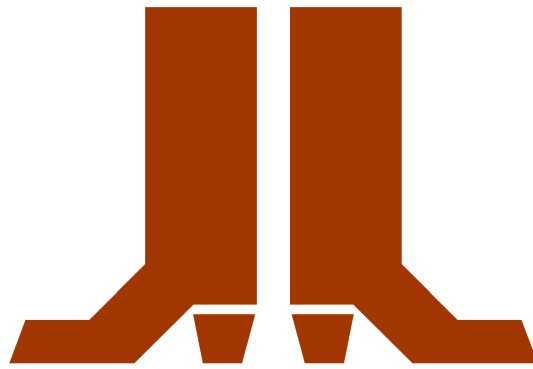
# FOOT PROTECTION

- 29 CFR 1910.136
- “...areas where there is a danger of foot injuries due to falling or rolling objects, or objects piercing the sole...”
- Purchased before July 5, 1994  
Comply with ANSI Z41-1967
- Purchased after July 5, 1994  
Comply with ANSI Z41-1991



# FOOT PROTECTION

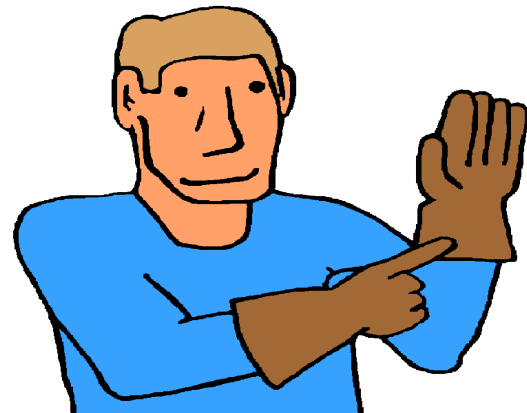
- Foot protective devices
  - Standard safety shoes and boots
  - Semi-conductive shoes
  - Molders Congress style shoes
  - Electrical hazard shoes
- Appropriation and distribution





# HAND PROTECTION HAZARDS

- 29 CFR 1910.138
- “...when employees’ hands are exposed to hazards such as those from skin absorption, of harmful substances; severe cuts or lacerations; severe abrasions; punctures; chemical burns; thermal burns; and harmful temperatures
- evaluate performance characteristics vs. task



# TRAINING

- When is PPE necessary
- What PPE is necessary
- Proper donning, doffing, adjusting and wear

# TRAINING

- Limitations of the PPE
- Proper care, maintenance, useful life and disposal
- Ability to recognize defective or damaged PPE shall not be used

# **RETRAINING**

- Changes in the workplace
- Changes in the type of PPE
- Employee's knowledge
- Changes in standards

# HEARING PROTECTION

- Personal protective hearing devices shall be worn when working or entering in an area where operations generate noise levels of:
  - Greater than 84 dBA
  - 140 peak sound pressure level or greater.
    - Double protection is required in areas where levels exceed 104dB.
  - All personnel exposed to gunfi:



# RESPIRATORS

- Respirators shall only be provided by the command's Respiratory Protection Program Manager (RPPM)
- RPPM shall provide all the requirements in OPNAVINST 5100.23F chapter 15



# TRAINING

- When is PPE necessary
  - List here when PPE is necessary for your command
- What PPE is necessary
  - List here what types of PPE are required for your Command
- Proper donning, doffing, adjusting and wear
  - Show to personnel proper ways to don, doff, adjusting and wearing of PPE in your Command

# TRAINING

- Limitations of the PPE
  - Discuss the limitations of the types of PPE used in your Command
- Proper care, maintenance, useful life and disposal
  - Discuss cleaning, disposing, and general care for the PPE in your command
- Ability to recognize defective or damaged PPE shall not be used
  - Discuss what damaged or defective is for your Command



# **RETRAINING**

- Changes in the workplace
- Changes in the type of PPE
- Employee's knowledge
- Changes in standards

# Review and Summary

A large yellow speech bubble with a thick black outline. The bubble has a rectangular body with rounded corners and a long, curved tail pointing downwards and to the right. Inside the bubble, the text "WEAR YOUR PERSONAL PROTECTIVE EQUIPMENT" is written in a bold, black, sans-serif font, arranged in four lines.

**WEAR YOUR  
PERSONAL  
PROTECTIVE  
EQUIPMENT**